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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/922,062	08/02/2001	Christoph A. Aktas	2001 P 13667 US	7581

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Siemens Corporation  
Attn: Elsa Keller, Legal Administrator  
Intellectual Property Department  
186 Wood Avenue South  
Iselin, NJ 08830

EXAMINER
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PATEL, ASHOKKUMAR B

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 03/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/922,062	<b>Applicant(s)</b> AKTAS ET AL.	
	<b>Examiner</b> Ashok B. Patel	<b>Art Unit</b> 2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 November 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) 4 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 5-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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### **DETAILED ACTION**

1. Claims 1-28 are subject to examination. Claim 4 is cancelled.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/ 22/ 2005 has been entered.

#### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1, 5, 13 and 17 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-3 and 5-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Horvitz et al. (hereinafter Horvitz)(US 2003/0046421 A1).

**Referring to claim 1,**

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Horvitz teaches a multimedia mailbox system (para.[0288], [0111],[0064]), comprising:

a message store for storing multimedia messages (para. [0073],[0277]);

conversion means for converting messages in one medium to messages in another medium, said conversion means converting messages based on a type of target device being used to access the stored message (para.[0064],” The messages 34 can include electronic information such as text and/or other information such as image or audio information. If the messages 34 were received as audio phone messages for example, the priorities system 30 or user interface 20 can invoke a speech recognizer (not shown) to convert the audio to text, as well as to other features, including acoustical properties capturing multiple properties of the acoustics, such as prosodic features, including the temporal patterns of the rate, pitch, inflections, and overall energy associated with voice messages. ,[0111],” Fourth, the user may indicate that an agent or automated assistant with speech recognition and text-to-speech rendering abilities be activated, to alert the user to the priority and to allow the user to engage further in a dialog about hearing or seeing more about the message.”,[0017],” The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and

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compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”);

summarization means for automatically summarizing the stored message, wherein said summarization means reduces messages to a list of keywords from a plurality of lists of keywords, each keyword of each list being selectable by a user, said list of keywords applied to the stored message being based upon a sender of a message ([0279],” The automated text summarizer can be controlled to decrease a summarization level of the text of messages as a function of the priority of the document.” ([0124]-[0219],” Thus, during feature selection, one or more words as well as phrases and symbols that are useful for discriminating among messages of different levels of time criticality are considered.”, [0219],”Beyond keywords and phrases, statistics on parts of speech and logical forms of sentences appearing in the subject and body of messages can also be employed.”, [0251],”In general, a sender-recipient structural relationship may be considered in the classification process.”); and

organization means for organizing content of the stored message into a template, said template including information fields selected by a user and a number of characters for each field selected by said user, wherein said stored message is available for access in accordance with said template for said user. ([0124],” [0124] Feature selection for text classification typically performs a search over single words. Beyond the reliance on single words, domain-specific phrases and high-level patterns of features are also made available. Special tokens can also enhance classification. The quality of the learned classifiers for

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e-mail criticality, for example, can be enhanced by inputting to the feature selection procedures handcrafted features that are identified as being useful for distinguishing among e-mail of different time criticality. Thus, during feature selection, one or more words as well as phrases and symbols that are useful for discriminating among messages of different levels of time criticality are considered." And [0279]," The automated text summarizer can be controlled to decrease a summarization level of the text of messages as a function of the priority of the document.")

**Referring to claim 2,**

Horvitz teaches a system according to claim 1 wherein said conversion means includes at least two selected from the group consisting of a text to speech converter, a speech to text converter, and a fax to text converter. (para.[0064]," The messages 34 can include electronic information such as text and/or other information such as image or audio information. If the messages 34 were received as audio phone messages for example, the priorities system 30 or user interface 20 can invoke a speech recognizer (not shown) to convert the audio to text, as well as to other features, including acoustical properties capturing multiple properties of the acoustics, such as prosodic features, including the temporal patterns of the rate, pitch, inflections, and overall energy associated with voice messages. ,[0111]," Fourth, the user may indicate that an agent or automated assistant with speech recognition and text-to-speech rendering abilities be activated, to alert the user to the priority and to allow the user to engage further in a dialog about hearing or seeing more about the message.")

**Referring to claim 3,**

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Horvitz teaches a system according to claim 1 further comprising means for determining the type of target device being used to access the stored message.([0017],” The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”)

**Referring to claim 5,**

Horvitz teaches a mailbox system, comprising: (para.[0288], [0111],[0064]), comprising:

a message store for storing messages(para. [0073],[0277]);

means for summarizing message content of a stored message that operates as a function of a type of target device being used to access the stored message, wherein said summarization means reduces messages to a list of keywords from a plurality of lists of keywords each keyword of each list being selectable by a user said list of keywords applied to the stored message being based on a sender of a message ([0279],” The automated text summarizer can be controlled to decrease a summarization level of the text of messages as a function of the priority of the document.” ([0124]-[0219],” Thus, during feature selection, one or more words as well as phrases and symbols that are useful for discriminating among messages of different levels of time criticality are

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considered.”, [0219],”Beyond keywords and phrases, statistics on parts of speech and logical forms of sentences appearing in the subject and body of messages can also be employed.”, [0251],”In general, a sender-recipient structural relationship may be considered in the classification process.”, [0017],”The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”); and

organization means for organizing the message content of the stored message into a template, said template including information fields selected by a user and a number of characters for each field selected by said user, wherein said stored message is available for access in accordance with said template for said user. ([0124],” [0124] Feature selection for text classification typically performs a search over single words. Beyond the reliance on single words, domain-specific phrases and high-level patterns of features are also made available. Special tokens can also enhance classification. The quality of the learned classifiers for e-mail criticality, for example, can be enhanced by inputting to the feature selection procedures handcrafted features that are identified as being useful for distinguishing among e-mail of different time criticality. Thus, during feature selection, one or more words as well as phrases and symbols that



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are useful for discriminating among messages of different levels of time criticality are considered.” And [0279],” The automated text summarizer can be controlled to decrease a summarization level of the text of messages as a function of the priority of the document.”)

**Referring to claims 6, 7 and 8,**

Horvitz teaches wherein said means for summarizing is operative to summarize a stored message based on a predefined set of target device related parameters, and wherein said predefined set of target device related parameters includes target device display size, and wherein said predefined set of target device parameters includes target device buffer size. ([0017],” The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”)

**Referring to claims 9, 10, 11 and 12,**

Horvitz teaches wherein said target device is a mobile device (page 2, para.[0017]).), and wherein said mobile device is a pager, and wherein said mobile device is a PDA., and wherein said mobile device is a cell phone (page 7 , para.[0083], page 11, para.[0115]).

**Referring to claim 13,**

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Claim 13 is a method claim describing the process performed by the apparatus in claim 1. Therefore claim 13 is rejected for the same reasons as claim 1. 13.

**Referring to claim 14,**

Claim 14 is a method claim describing the process performed by the apparatus in claim 2. Therefore claim 14 is rejected for the same reasons as claim 2.

**Referring to claim 15,**

Claim 15 is a method claim describing the process performed by the apparatus in claim 3. Therefore claim 15 is rejected for the same reasons as claim 3.

**Referring to claim 16,**

Claim 16 is a method claim describing the process performed by the apparatus in claim 4. Therefore claim 16 is rejected for the same reasons as claim 4.

**Referring to claim 17,**

Claim 16 is a method claim describing the process performed by the apparatus in claim 5. Therefore claim 17 is rejected for the same reasons as claim 5.

**Referring to claims 18 ,19 and 20,**

Claims 18 and 19 are method claims describing the process performed by the apparatus in claims 6 ,7 and 8. Therefore claims 18 and 19 are rejected for the same reasons as claims 6 ,7 and 8.

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**Referring to claim 21,**

Horvitz teaches a system according to claim 1 wherein information fields include sender name, time, summary, message priority and un-summarized text. (page 2, para.[0016], [0017], page 12, para.[0124] through page 14, para.[0212])

**Referring to claim 22,**

Horvitz teaches a system according to claim 5 wherein information fields include sender name, time, summary, message priority and un-summarized text. (page 2, para.[0016], [0017], page 12, para.[0124] through page 14, para.[0212]).

**Referring to claim 23,**

Claim 23 is a method claim describing the process performed by the apparatus in claim 21. Therefore claim 23 is rejected for the same reasons as claim 21.

**Referring to claim 24,**

Claim 24 is a method claim describing the process performed by the apparatus in claim 22. Therefore claim 24 is rejected for the same reasons as claim 22.

**Referring to claim 25,**

Horvitz teaches a multimedia mailbox system according to claim 1 wherein said list of keywords applied to said text being further based upon message subject. (para.[0279])

**Referring to claim 26,**

Horvitz teaches a multimedia mailbox system according to claim 1 further comprising: filter means for determining high priority messages; and automatic means

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for automatically sending a summary of high priority messages to a designated user.

(para.[0277],[0279]);

**Referring to claim 27,**

Claim 27 is a method claim describing the process performed by the apparatus in claim 26. Therefore claim 27 is rejected for the same reasons as claim 26.

**Referring to claim 28,**

Horvitz teaches a method according to claim 27 wherein said step of determining further comprises the step of filtering to determine message priority.

(para.[0277],[0279]);

***Conclusion***

**Examiner's note:** Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-3972. The examiner can normally be reached on 8:00am-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

\*Abp\*\*

  
JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100